

## TITLE: PROGRAMMING OF A FLASH MEMORY CELL INVENTOR(S): Sheung Hee Park, Wing Han Leung, and Richard M. Fastow USSN: 10/617,971 Attorney Docket #: AMD-H0523

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<u>105</u>

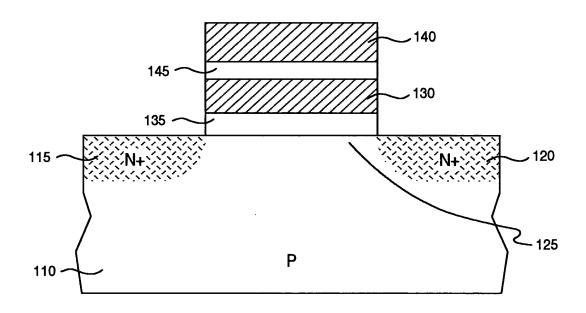


FIGURE 1A (CONVENTIONAL ART)

INVENTOR(S): Sheung Hee Park, Wing Han Leung, and Richard M. Fastow USSN: 10/617,971 Attorney Docket #: AMD-H0523

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BITS	
00 —	V <sub>T3</sub> = 7V
01	V <sub>T2</sub> = 5V
10	V <sub>T1</sub> = 3V
11	MIN V <sub>T</sub> = 1V

# FIGURE 2A (CONVENTIONAL ART)

BITS		
000		V <sub>T7</sub> = 8V
001		$V_{T6} = 7V$
010		V <sub>T5</sub> = 6V
011		V <sub>T4</sub> = 5V
100		V <sub>T3</sub> = 4V
101	<u> </u>	$V_{T2} = 3V$
110		V <sub>T1</sub> = 2V
111		MIN V T= 1V

FIGURE 2B (CONVENTIONAL ART)

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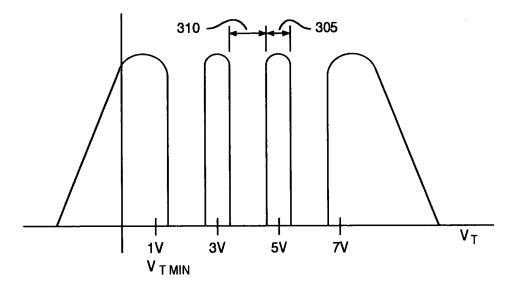
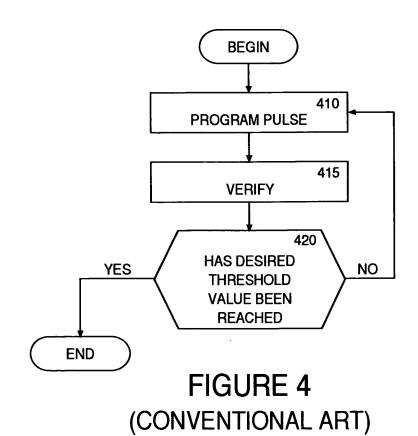


FIGURE 3 (CONVENTIONAL ART)



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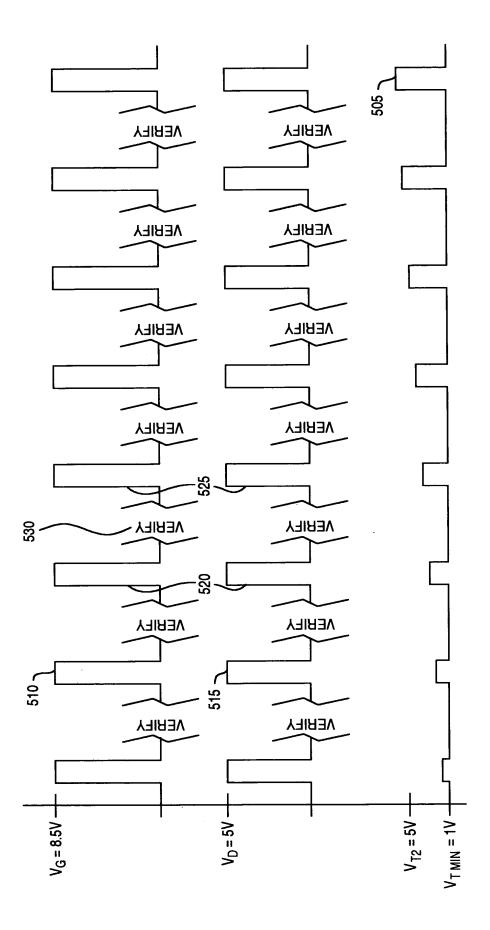


FIGURE 5 (CONVENTIONAL ART)

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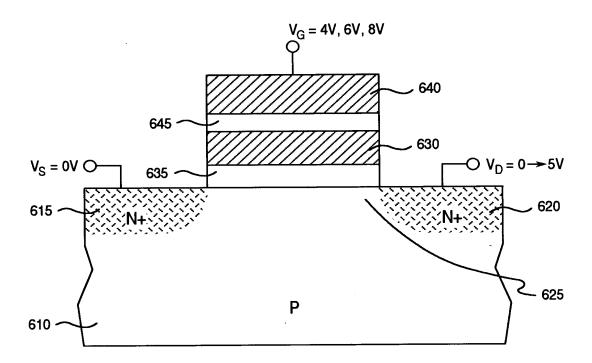


FIGURE 6

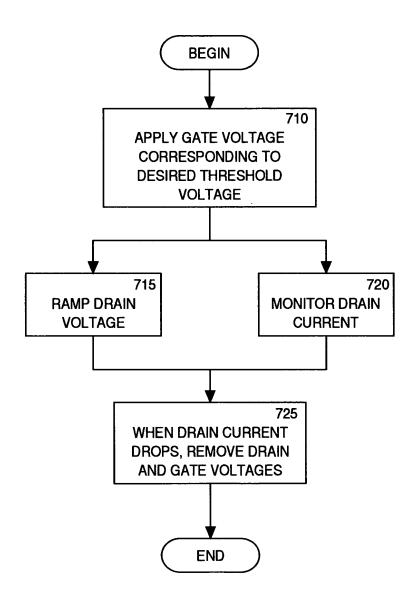


FIGURE 7

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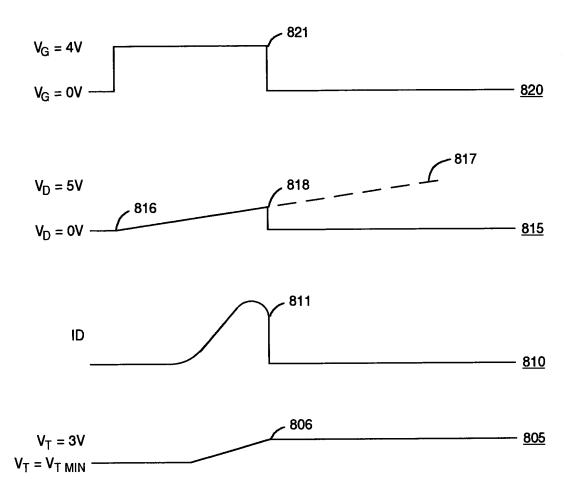


FIGURE 8A

INVENTOR(S): Sheung Hee Park, Wing Han Leung, and Richard M. Fastow USSN: 10/617,971 Attorney Docket #: AMD-H0523

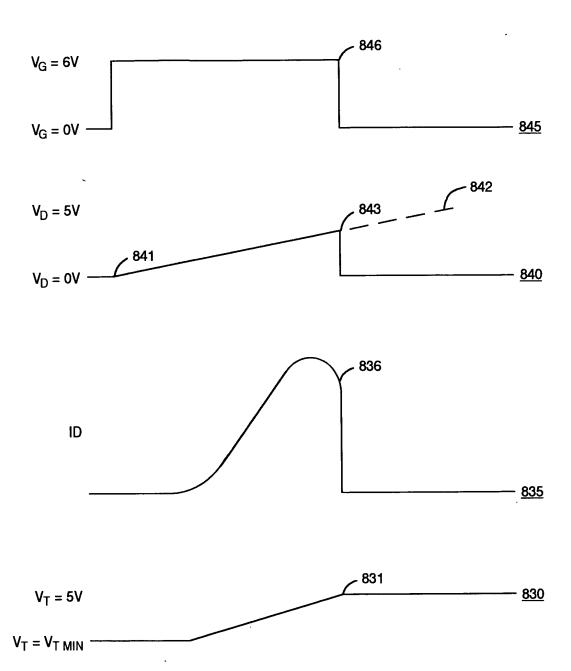


FIGURE 8B

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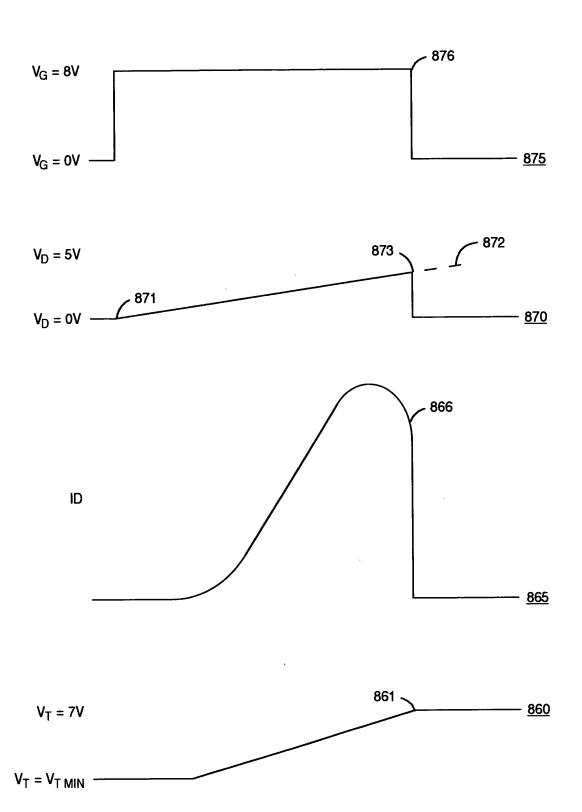


FIGURE 8C

